

Title (en)

A WEARABLE PROGNOSTIC DEVICE USED IN THE EARLY DIAGNOSIS OF BREAST CANCER AT HOME

Title (de)

PROGNOSTISCHE WEARABLE-VORRICHTUNG ZUR VERWENDUNG IN DER FRÜHERKENNUNG VON BRUSTKREBS ZU HAUSE

Title (fr)

DISPOSITIF DE PRONOSTIC À PORTER UTILISÉ DANS LE DIAGNOSTIC PRÉCOCE À DOMICILE D'UN CANCER DU SEIN

Publication

**EP 3799558 A4 20210721 (EN)**

Application

**EP 19830472 A 20190601**

Priority

- TR 201808005 A 20180605
- TR 2019050417 W 20190601

Abstract (en)

[origin: WO2020009677A2] The invention is a brassiere product or a product that covers the breast to be used as a wearable textile product in the early diagnosis of the breast cancer which comprises the following; a brassiere or a main body (1) which covers the breast, support bars (2) connected to its main body (1), a lock (3) that is nestable or interlocking and connected to the support bars (2), swellable portions (8) that are positioned according to the selection of the textile product with required size, form and location, a lower layer (81) that is fixed to the main body (1) of the product with interlocking form possessed by the swellable portions (8), an upper layer (82) as a swellable flexible substance, a gas pump (4) that is connected to the gas channel end holder (13) of the portion that is swellable by means of gas transmission channels (5), a kit (10) that detects the pressure within the swellable portions (8), signal transmission channel (6), process control center (7).

IPC 8 full level

**A61B 5/00** (2006.01); **A41C 3/00** (2006.01); **A61B 8/08** (2006.01); **G01N 33/574** (2006.01); **G09B 23/28** (2006.01)

CPC (source: EP US)

**A61B 5/0053** (2013.01 - EP US); **A61B 5/4312** (2013.01 - EP US); **A61B 5/6804** (2013.01 - EP US); **G01N 33/57415** (2013.01 - EP); **G09B 23/28** (2013.01 - EP); **A61B 2562/0215** (2017.07 - EP US); **A61B 2562/0247** (2013.01 - EP US); **A61B 2562/0261** (2013.01 - EP)

Citation (search report)

- [XAI] KR 200406517 Y1 20060123
- [XA] CN 107713037 A 20180223 - GUANGDONG ACE STARS NEW MATERIALS TECH CO LTD
- [XA] WO 2010102310 A2 20100910 - MC10 INC [US], et al
- [XA] CN 205459740 U 20160817 - DING LI
- [XA] US 2002188198 A1 20021212 - HONG HYUNDAE [US]
- [A] US 5830159 A 19981103 - NETTA HENRIETTA [US]
- [A] US 5833633 A 19981110 - SARVAZIAN ARMEN PARUIR [US]
- [A] CN 106236019 A 20161221 - WUMO (SHANGHAI) INTELLIGENT TECH CO LTD
- [A] US 2015073254 A1 20150312 - TALANT JESSE [US]
- See references of WO 2020009677A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2020009677 A2 20200109; WO 2020009677 A3 20200507**; EP 3799558 A2 20210407; EP 3799558 A4 20210721; TR 201808005 A2 20180621; US 2021161469 A1 20210603

DOCDB simple family (application)

**TR 2019050417 W 20190601**; EP 19830472 A 20190601; TR 201808005 A 20180605; US 201916972457 A 20190601